

### **REMARKS**

This Amendment, submitted in response to the Office Action dated October 19, 2007, is believed to be fully responsive to each point of rejection raised therein. Accordingly, favorable reconsideration on the merits is respectfully requested.

#### **I. Summary of Non-Final Office Action**

Claims 1-17 are all the claims pending in this Application.

Claims 1-17 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Shen et al. (USP 6,741,292; hereafter “Shen”) and in view of Ozkan et al. (USP 7,032,236).

Ozkan is a new ground(s) of rejection.

#### **II. Summary of Amendment**

Claims 1, 3, 6, 7, 9, 12 and 16 are amended to clearly define the subject matter claimed therein.

Claims 4, 5, 10, 11 and 15 are amended to specifically define the present application which may enable conversion between an ATSC standard and an IEEE1394 standard at least based on paragraphs 5, 12-14 and 39.

No new matter is added.

Applicant respectfully requests entrance and allowance of the amended claims.

#### **III. Analysis of Claim Rejection under 35 U.S.C. § 103(a)**

[ Claim 1 ]

In rejecting claim 1, the Examiner still relies on Shen as a primary reference.

In particular, the Examiner alleges that while Shen is admitted to fail to disclose the program information distinguished from contents of the broadcasting program as recited in the claim, Shen combined with Ozkan teaches or suggests the program information converter operable to convert the program information into a format suitable for the recording/reproducing apparatus as Ozkan discloses the program information deficient in Shen. Further alleged is that Shen discloses that “the STB 306 does the signal processing unless the signal is sent from the digital VCR” (col. 5, lines 64-67 of Shen).

More specifically, the Examiner appears to read the two references such that since Ozkan discloses the program information, and Shen discloses any two operations among a demodulation operation, a decoding operation, and an AD conversion operation which correspond to the decoding and conversion of a signal, a combination of the two references render obvious the claimed program information converter.

Applicant respectfully traverses the above reasoning.

First, if the decoding operation of Shen is to correspond to the claimed decoding (prior to the converting) at all, any of demodulation and AD conversion should correspond to the converting. However, the demodulation is performed prior to decoding, thereby failing to teach the converting occurring after decoding. Also, the AD conversion does not teach the converting, because the AD conversion is applied to an analog signal while the conversion is to a digital signal. Thus, Applicant respectfully submits that the Examiner’s allegation is not reasonable in this respect.

Next, as opposed to the Examiner's allegation that Ozkan (Fig. 12) discloses decoding and converting of program information, the cited method only discloses conversion (formatting) of program specific information into a desired data format and protocol such as MPEG-2 compatible program specific information (col. 10, lines 28-37). However, the method of Fig. 12 does not mention anywhere that the program specific information is decoded before conversion from one format to another.

Therefore, at least due to the foregoing reasons, the references, taken alone or in combination, fail to teach or suggest the claimed program information converter, and thus would not have rendered the claimed digital video receiver obvious.

Corresponding method claim 7 and apparatus claim 13 should be also patentable at least due to the same reason for the patentability of claim 1 since the references fail to teach or suggest the operation of converting the program information and the program converter as recited in the claims, respectively.

**[ Claims 2 and 3 ]**

These claims should be allowable at least due to their dependencies on claim 1 and their additionally recited elements.

**[ Claim 4 ]**

Applicant respectfully submits that this claim should be allowable without regard to its dependency under the following analysis.

While Shen fails to teach or suggest the claimed program information converter, Ozkan does not disclose conversion (or format change) of program specific information from an ATSC

standard to an IEEE1394 standard as opposed to the Examiner's allegation. According to Fig. 12 and col. 10, lines 28-37 of Ozkan specifies, the reference discloses only the format change to an MPEG2 standard; but there is no disclosure of format change to an IEEE1394 standard.

Thus, the claimed digital video receiver would not have been obvious over the references regardless of their patentability due to its dependency.

**[ Claim 5 ]**

This claim should also be patentable, regardless of its dependency, as Ozkan does not disclose the creation of the SIT and the DIT as recited in the claim.

**[ Claims 7-12 ]**

These method claims should be allowable at least for the same reasons as corresponding apparatus claims 1-6.

**[ Claim 13 ]**

This claim should be allowable at least because the references fail to teach or suggest the program converter as recited in the claim under the same analysis applied to claim 1.

**[ Claims 14-17 ]**

These claims should be allowable at least due to their dependencies.

**[ Claim 15 ]**

This claim should be allowable under the same analysis applied to claim 4, regardless of its dependency.

IV. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

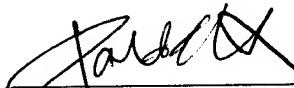
Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

  
Seunghee Park  
Registration No. 60,719

Date: January 18, 2008